

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Siegel et al.	Application No.:	10/568,829
Patent No.:	7,923,500	Filing Date:	October 26, 2006
Issue Date:	April 12, 2011	Docket No.:	0094,064A

Title: NANOCOMPOSITES WITH CONTROLLED ELECTRICAL PROPERTIES

To: Attention: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**REQUEST FOR CERTIFICATE OF CORRECTION**

Dear Sir:

Upon proofreading the sealed patent, the patentee noticed an error in the printed patent. In accordance with 35 U.S.C. § 255, patentee requests a Certificate of Correction. This error occurred in good faith and correction of the same would not involve changes in the patent that would constitute new matter or would require reexamination. Specifically, the assignees' name is correct in the Notice of Recordation of Assignment document, which is attached. The error occurred on the Issue Fee Transmittal form.

Enclosed herewith is a proposed Certificate of Correction incorporating an amendment to correct the error. The Commissioner is hereby authorized to charge the fee under 37 CFR 1.20(a), which is \$100 to Deposit Account No. 08-193 and any other fees that may have been overlooked to cover the cost of the Certificate.

A Petition under 37 CFR 3.81(b) requesting this correction is also being filed along with the payment of the required fee of \$130, a copy of the Petition is also attached.

The patentee respectfully requests the granting of a Certificate of Correction.

Respectfully submitted,

*/s/ Shahrokh Falati*

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Shahrokh Falati  
Attorney for Patentee  
Registration No.: 58,160

December 15, 2011

HESLIN ROTHENBERG FARLEY & MESITI P.C.  
5 Columbia Circle  
Albany, New York 12203-5160  
Telephone: (518) 452-5600  
Facsimile: (518) 452-5579

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,923,500

APPLICATION NO. : 10/568,829

ISSUE DATE : April 12, 2011

INVENTOR : Siegel et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Assignee (73): Add -- ABB AB, Vasteras, Sweden --

**MAILING ADDRESS OF SENDER:**  
HESLIN ROTHENBERG FARLEY & MESITI P.C.  
5 Columbia Circle  
Albany, New York 12203

**SEND TO:**  
Attention: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

: SHAHROKH FALATI COMPANY: 5 COLUMBIA CIRCLE

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 17, 2011

PTAS

SHAHROKH FALATI  
5 COLUMBIA CIRCLE  
HESLIN ROTHENBERG FARLEY & MESITI P.C.  
ALBANY, NY 12193

\*501532591\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENTTHE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/16/2011

REEL/FRAME: 026285/0824

NUMBER OF PAGES: 18

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 0094.064A

## ASSIGNOR:

SIEGEL, RICHARD W.

DOC DATE: 04/07/2011

## ASSIGNOR:

SCHADLER-FEIST, LINDA

DOC DATE: 05/12/2011

## ASSIGNOR:

MA, DONGLING

DOC DATE: 04/18/2011

## ASSIGNOR:

HONG, JUNG-IL

DOC DATE: 05/30/2006

: SHAHROKH FALATI COMPANY: 5 COLUMBIA CIRCLE

026285/0824 PAGE 2

ASSIGNEE:

RENSSELAER POLYTECHNIC INSTITUTE  
110 8TH STREET  
TROY, NEW YORK 12180

APPLICATION NUMBER: 10568829 FILING DATE: 10/26/2006  
PATENT NUMBER: 7923500 ISSUE DATE: 04/12/2011  
TITLE: NANOCOMPOSITES WITH CONTROLLED ELECTRICAL PROPERTIES

APPLICATION NUMBER: 10568829 FILING DATE: 10/26/2006  
PATENT NUMBER: 7923500 ISSUE DATE: 04/12/2011  
TITLE: NANOCOMPOSITES WITH CONTROLLED ELECTRICAL PROPERTIES

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

## **ASSIGNMENT**

**WHEREAS, We,**

**RICHARD W. SIEGEL**, a citizen of the United States, residing at 7 Myton Lane, Menands, New York 12204; and

**LINDA SCHADLER-FEIST**, a citizen of the United States, residing at 11 Wintergreen Court, Clifton Park, New York 12065; and

**DONGLING MA**, a citizen of China, residing at 85 Range Road, Apt. #103, Ottawa, Ontario, Canada K1N8J6; and

**JUNG-IL HONG**, a citizen of Korea, residing at 6224 Clairemont Mesa Blvd. #5, San Diego, CA 92117; and

**EVA MARTENSSON**, a citizen of Sweden, residing at Engvallsgatan 8, S-722 20 Vasteras, Sweden; and

**CARINA ONNEBY**, a citizen of Sweden, residing at Antikvariev.14, S-724 81 Vasteras,

respectively, have invented certain new and useful improvements in

### **NANOCOMPOSITES WITH CONTROLLED ELECTRICAL PROPERTIES**

for which we have executed an application for Letters Patent of the United States, of even date herewith; and

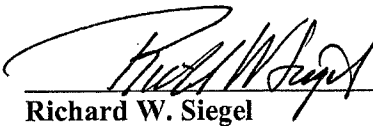
**WHEREAS, Rensselaer Polytechnic Institute** having offices at 110 8th Street, Troy, New York 12180, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

**NOW, THEREFORE**, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the said **Richard W. Siegel, Linda Schadler-Feist, Dongling Ma, Jung-Il Hong, Eva Martensson, and Carina Onneby**, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Rensselaer Polytechnic Institute**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Rensselaer Polytechnic Institute**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

**AND WE HEREBY** covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith.

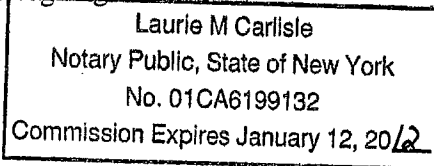
**AND WE HEREBY** further covenant and agree that We will communicate to the said **Rensselaer Polytechnic Institute**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Rensselaer Polytechnic Institute**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

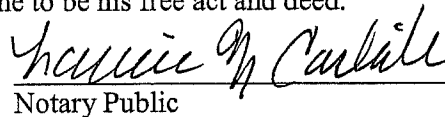
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7<sup>th</sup> day of April, 2011.

  
Richard W. Siegel

STATE OF NY )  
COUNTY OF Rensselaer ) ss.:

On this 7 day of April, 2011, before me personally came **Richard W. Siegel**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
Linda Schadler-Feist

STATE OF \_\_\_\_\_ )  
COUNTY OF \_\_\_\_\_ ) ss.:

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came **Linda Schadler-Feist**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and she acknowledged the same to be her free act and deed.

\_\_\_\_\_  
Notary Public

**AND WE HEREBY** covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith.

**AND WE HEREBY** further covenant and agree that We will communicate to the said **Rensselaer Polytechnic Institute**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Rensselaer Polytechnic Institute**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2011.

### Richard W. Siegel

STATE OF )  
 ) ss.:  
COUNTY OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came **Richard W. Siegel**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

**Notary Public**


IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12 day of May, 2011.

Linda Schadler Feist  
Linda Schadler-Feist

STATE OF New York )  
COUNTY OF Schenectady ) ss.:

On this 12<sup>th</sup> day of May, 2011, before me personally came **Linda Schadler-Feist**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and she acknowledged the same to be her free act and deed.

ged the same to be her free act and deed.

  
\_\_\_\_\_  
Notary Public

**LINDA S. ZAHNLEUTER**  
Notary Public, State of New York  
No. 5008241  
Qualified in Schenectady County  
Commission Expires February 1, 2015

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18 day of April, 2011.

Dongling Ma  
Dongling Ma

STATE OF Quebec )  
 ) ss.:  
COUNTY OF CANADA )

Belete Atomsa  
Belete Atomsa Gorfa

On this 18 day of April, 2011, before me personally came **Dongling Ma**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
Jung-II Hong

STATE OF )  
 ) ss.:  
COUNTY OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came **Jung-II Hong**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public



***IN TESTIMONY WHEREOF***, I hereunto set my hand and seal this  
 \_\_\_ day of \_\_\_, 2006.

## Dongling Ma

STATE OF )  
 ) ss.:  
COUNTY OF )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, before me personally came **Dongling Ma**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

**Notary Public**

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
30 day of May, 2006.

Jung-II Hong

STATE OF )  
COUNTY OF ) ss.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2006, before me personally came **Jung-Il Hong**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

**Notary Public**

: SHAHROKH FALATI, ESQ. COMPANY: 5 COLUMBIA CIRCLE



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**UNITED STATES PATENT AND TRADEMARK OFFICE**

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UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 25, 2011

PTAS

SHAHROKH FALATI, ESQ.  
5 COLUMBIA CIRCLE  
HESLIN ROTHENBERG FARLEY & MESITI P.C.  
ALBANY, NY 12203



\*501542238\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 05/24/2011

REEL/FRAME: 026332/0327

NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 0094.064A

ASSIGNOR:

MARTENSSON, EVA

DOC DATE: 04/29/2011

ASSIGNOR:

ONNEBY, CARINA

DOC DATE: 04/29/2011

ASSIGNEE:

ABB AB

INGENJOR BAATHS GATA 11, T2 VANING

E

VASTERAS, SWEDEN SE-721 83

: SHAHROKH FALATI, ESQ. COMPANY: 5 COLUMBIA CIRCLE

026332/0327 PAGE 2

APPLICATION NUMBER: 10568829 FILING DATE: 10/26/2006  
PATENT NUMBER: 7923500 ISSUE DATE: 04/12/2011  
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PATENT NUMBER: 7923500 ISSUE DATE: 04/12/2011  
TITLE: NANOCOMPOSITES WITH CONTROLLED ELECTRICAL PROPERTIES

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

## **ASSIGNMENT**

**WHEREAS**, We,

**RICHARD W. SIEGEL**, a citizen of the United States, residing at 7 Myton Lane, Menands, New York 12204; and

**LINDA SCHADLER-FEIST**, a citizen of the United States, residing at 11 Wintergreen Court, Clifton Park, New York 12065; and

**DONGLING MA**, a citizen of China, residing at 85 Range Road, Apt. #103, Ottawa, Ontario, Canada K1N8J6; and

**JUNG-IL HONG**, a citizen of Korea, residing at 6224 Clairemont Mesa Blvd. #5, San Diego, CA 92117; and

**EVA MARTENSSON**, a citizen of Sweden, residing at Hogviltsvagen 36, SE-722 42 Vasteras, Sweden; and

**CARINA ONNEBY**, a citizen of Sweden, residing at Lavegatan 32, SE-724 82 Vasteras,

respectively, have invented certain new and useful improvements in

### **NANOCOMPOSITES WITH CONTROLLED ELECTRICAL PROPERTIES**

for which we have executed an application for Letters Patent of the United States, of even date herewith; and

**WHEREAS**, **ABB AB** having offices at SE-721 83 Vasteras, Sweden, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

**NOW, THEREFORE**, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We, the said **Eva Martensson** and **Carina Onneby**, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **ABB AB**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **ABB AB**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

**AND WE HEREBY** covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith.

**AND WE HEREBY** further covenant and agree that We will communicate to the said **ABB AB**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **ABB AB**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

**IN TESTIMONY WHEREOF**, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
**Richard W. Siegel**

STATE OF )  
 ) ss.:  
COUNTY OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came **Richard W. Siegel**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

**IN TESTIMONY WHEREOF**, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
**Linda Schadler-Feist**

STATE OF )  
 ) ss.:  
COUNTY OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came **Linda Schadler-Feist**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and she acknowledged the same to be her free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2011.

\_\_\_\_\_  
**Dongling Ma**

STATE OF )  
 ) ss.:  
COUNTY OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came **Dongling Ma**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2011.

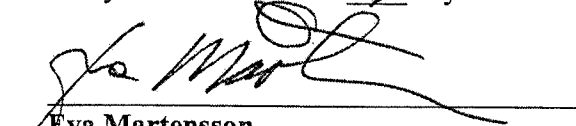
\_\_\_\_\_  
**Jung-Il Hong**

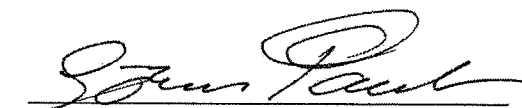
STATE OF )  
 ) ss.:  
COUNTY OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came **Jung-Il Hong**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 29<sup>th</sup> day of April, 2011.

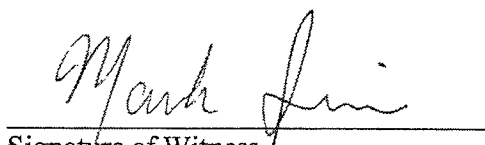
  
Eva Martensson

  
Signature of Witness

Göran Paulsson  
Print Name of Witness

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 29<sup>th</sup> day of April, 2011.

  
Carina Onneby

  
Signature of Witness

MARK ERWIN  
Print Name of Witness